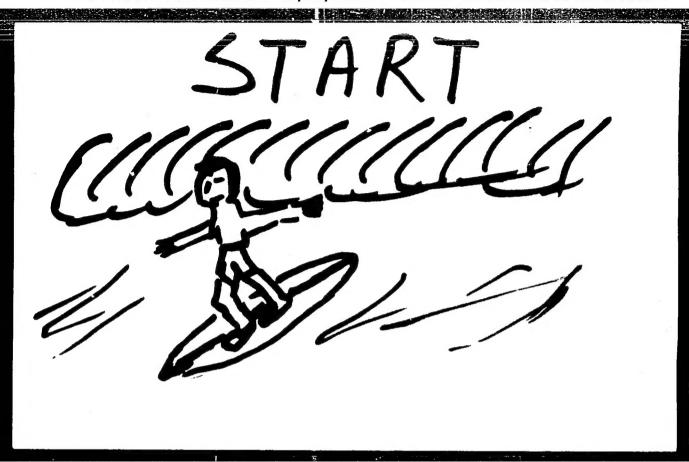
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CIA-RDP86-00513R000412410001-8



Reel # 124 Faix, Zdenek

The use of silicone ...

2/039/62/023/004/007/010 D291/D303

ASSOCIATION:

Východočeské chemické závody Synthesia, Lužební závody Kolin, n.p. (East-Bohemian Chemical Works Synthesia, Chemical Plant in Kolin, National Enterprise) (Z. Faix); TESLA Kolin, n.p. (TESLA Kolin, National Enterprise)

(F. Jirat)

SUBMITTED

December 28, 1961

V

Card 5/3

FAIX, Zdenek, inz.

Removing automobile protective coatings from the glass of cars. Automobil 7 no.1:3 Ja '63.

1. Vychodoceske chemicke zavody Synthesia, n.p., zavod Lucebni, Kolin.

Silicon rubber made in Czechoslovakia. Stroj vyr 12 mm.4.
426-427 Je '64.

SVINIA, Karel, inz., reik, Zdensk, ind.

Silicon rubber properties under difficult conditions. "tr"
vyr 12 no.10:738-740 C '64.

1. Vychodoceske chemicke zavodr Svatoseis National Enterprise,
Plant Kolin.

引指截随信 公司等 17

SVEHLA, K., inz.; FAIX, 7., inz.

A new construction material, silicon rubber. Strojirenztvi 15 no.1:64-68 Ja 165.

- 1. Higher School of Chamical Technology, Prague (for Svenla).
- 2. Vychodoceska chemicke zavody Synthesia, Kolin (for Fala).

FAIX, Zdenek; SVEHLA, Karel

Czechoslovak silicon cils. Ropa a uhlie 6 no.11 338-341 N 464.

1. Vychodoceske chemicke zavody Synthesia National Enterprise, Plant Kolin (for Faix). 2. Higher School of Chemical Technology, Prague (for Svehla).

## "APPROVED FOR RELEASE: 03/13/2001

#### CIA-RDP86-00513R000412410001-8

L 49201-65 EPF(c)/EWP(j) Pc-4/Pr-4

ACCESSION NR: AP5015406 CZ/0031/64/012/010/0738/0740 B

AUTHOR: Svehla, Karel (Engineer); Faix, Zdenek (Engineer)

TITLE: Properties of silicon rubber in difficult conditions

SOURCE: Strojirenska vyroba, v. 12, no. 10, 1964, 738-740

TOPIC TAGS: synthetic rubber

ABSTRACT: Technical data are given on Lukopren, the new Czechoslovak synthetic silicon rubber. Tables are presented giving data on changes of its property under high and low temperatures, and in media composed of various aggressive agents. Orig. art. has 4 tables.

ASSOCIATION: VCHZ, Synthesia, n. p., savod Kolin (VCHZ, Synthesia National Enterprise, Plant in Kolin)

SUBMITTED: 00

ENCL: 00

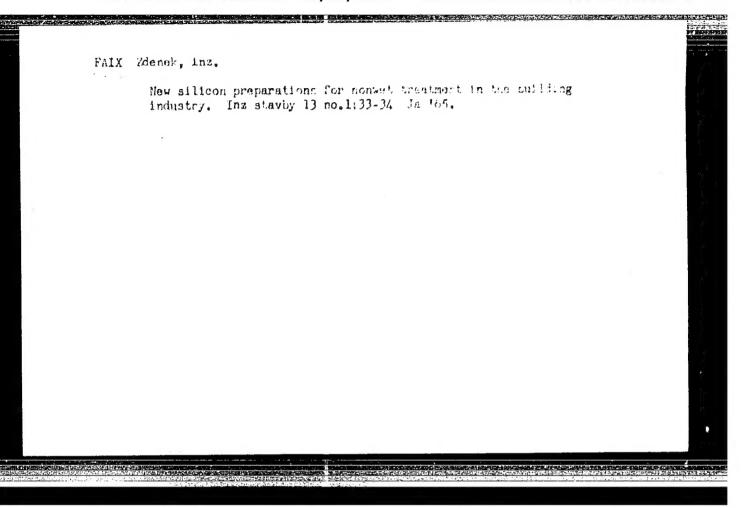
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NO REF SOV: 000

OTHER: 000

**JPRS** 

Card 1/1



L 9501-66 EWP(1) RM  ACC NR: AP6002830 SOURCE CODE: CZ/0032/65/015/001/0064,	70068 1
ORG: /Svehla/ Higher School of Chemical Technology. Prague (Vysoka skola chemical technologicka); /Faix/ WCHZ Synthesia, Kolin	oko-
TITLE: Silicone rubber, a new structural material	
SOURCE: Strojirenstvi, v. 15, no. 1, 1965, 64-68	
TOPIC TAGS: silicone, synthetic rubber, structural plastic	
A review is presented of the various types of silicone rubber which already are being manufactured in Czechoslovakia or which are being developed and will soon be available on the market. The basic properties of the individual types are listed, their advantages over the materials now used are evaluated, and examples of practical application are given. The foreign equivalents of the Czechoslovak silicone rubbers are tabulated. Orig. art. has: 7 figures and 1 table. JPRS	7
SUB CODE: 11 / SUBM DATE: none	= 10
Card 1/1.	
A CONTRACTOR OF THE CONTRACTOR	

CIESIELSKI, Roman; FAIX-DABROWSKI, Zbignlew

Mechanized head for an installation for the construction of ferroconcrete chimneys. Przegl budowli bud mieszk 33 nc.2:82 F '61.

CIESIFISKI, Roman, dr inz. (Krakow); FAIX-DABROWSKI, Zbigniew, mgr inz. (Krakow)

Typification of steel supports for freight cable railways. Inz i bud 19 no.9:347-352 S \*62.

CIESIELSKI, Roman, doc. dr inz.; FAIX-DABROWSKI, Zbigniew, mgr inz.

Reasons for specific bases accepted for the typification of ste

Reasons for specific bases accepted for the typification of steel piers for suspended freight ropeways. In a i bud 20 no.2:67-69 F 163.

1,2093

\$/166/62/500/005/002/008 B112/B186

24 4 75 AUTHOR:

Faizibayev, S. F.

TITLE:

Construction of instationary solutions for certain oscillatory

PERIODICAL: Akademiya nauk Uzbekskoy CSR. Izvestiya. Seriya fiziko-

matematicheskikh nauk, no. 5, 1962, 25 - 29

TEXT: Instationary solutions to the equation

 $d^2x/dt^2 + kdx/dt + (\alpha + \gamma_1 x^2)x = \epsilon(\beta + \gamma_2 x^2)dx/dt + R \sin m\omega t$ 

are constructed with reference to higher harmonics. These have the form  $x(t) = \lambda(t)\sin m\omega t + B(t)\sin m\omega t$ . (3) The functions  $\lambda(t)$  and  $\lambda(t)$  have to satisfy the differential equations

Card 1/3

CIA-RDP86-00513R000412410001-8" APPROVED FOR RELEASE: 03/13/2001

Construction of instationary solutions ... 
$$\frac{5/166/62/000/005/002/008}{B112/B166}$$

$$\frac{dA}{dt} = \frac{1}{k\left[k - \epsilon\left(\frac{2\beta + \frac{5}{4}\gamma_{5}a}{4}\right)\right]} \cdot \left\{R(k - \epsilon\beta) - \left[(k - \epsilon\beta)\left(\alpha - m^{2}\omega^{3} + \frac{3}{2}\gamma_{1}B^{2}\right) + \frac{1}{2}\epsilon\gamma_{2}B^{2}\left(\frac{1}{4}\alpha + \left(\frac{3}{4}m^{2} - n^{2}\right)\omega^{2} - \frac{3}{8}\gamma_{1}B^{2}\right)\right]A - \frac{1}{2}\epsilon\gamma_{2}RA^{2} + \left[\frac{1}{2}\epsilon\gamma_{2}\left(\alpha - m^{2}\omega^{2} - \frac{3}{8}\gamma_{1}B^{2}\right) - \frac{3}{4}\gamma_{1}(k - \epsilon\beta)\right]A^{3} + \frac{3}{8}\epsilon\gamma_{1}\gamma_{2}A^{5}\right\}, (7)$$

$$\frac{dB}{dt} = \frac{1}{k\left[k - \epsilon\left(2\beta + \frac{5}{4}\gamma_{5}a\right)\right]}\left\{\left[(k - \epsilon\beta)\left(n^{2}\omega^{2} - \alpha - \frac{3}{2}\gamma_{1}A^{2}\right) - \frac{\epsilon\gamma_{2}A^{2}\left(\frac{1}{4}\alpha - \omega^{2}\left(\frac{3}{4}n^{2} - m^{2}\right)\right) + \epsilon\gamma_{2}A\left(R - \frac{3}{4}\gamma_{1}A^{3}\right)\right]B + \left[\frac{1}{2}\epsilon\gamma_{2}\left(\alpha - n^{2}\omega^{2} - \frac{3}{4}\gamma_{1}A^{2}\right) - \frac{3}{4}\gamma_{1}(k - \epsilon\beta)\right]B^{3} + \frac{3}{8}\epsilon\gamma_{1}\gamma_{2}B^{3}\right\}.$$
Card 2/3

S/166/62/000/005/002/008 B112/B186

Construction of instationary solutions ...

The case is considered that some of the combination frequencies  $3m\omega$ ,  $3n\omega$ ,  $(n+2m)\omega$ ,  $(n-2m)\omega$ ,  $(m-2n)\omega$ ,  $(m+2n)\omega$  coincide with the ground frequencies m and n. This is possible for

1) m = 1, n = 3, 3m = n, |n - 2m| = m,

2) m = 3, n = 1, 3n = m, |m - 2n| = n, m = 1, n = 3.

ASSOCIATION: Institut matematiki im. V. I. Romanovskogo AN UzSSR

(Institute of Mathematics imeni V. I. Romanovskiy AS UzSSR)

SUBMITTED: April 18, 1962

Card 3/3

Empirical formula for the solubility of glaserite in the system

Ha SO, -L SO, -H O at 25°. Seki. AN Uz. SSR ne.7:25-29 156.

(MIRA 12:6)

1. Srednesziatskiy ges. universitet im. V.1. Jenina. Fredstavlene chlenem-kerrespendentem AU USSR I.F. TSukervanitem.

(Aphthitalite) (Selubility)

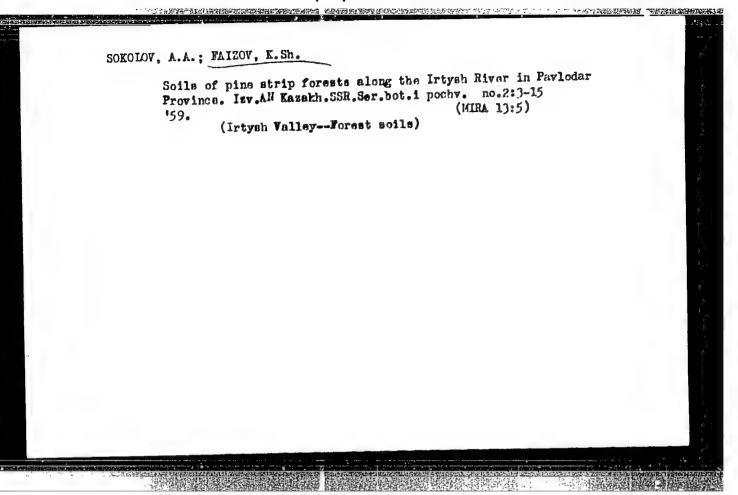
(基础) \$P\$ \$P\$全球的现在分词 \$P\$全球的 \$P\$expent \$P

FAIZOV, K. Sh.

FAIZOV, K. Sh. -- "Soils and Soil Complexes of the Lower Courses of the Rivers Emba and Sagiz." Academy Science Kazakh SSR. Institute of Soil Science. Alma-Ata, 1955. (Dissertation for the Degree of Candidate in Agricultural Sciences.)

So; Knizhaya Letopis' No 3, 1956

CARD: 1/1



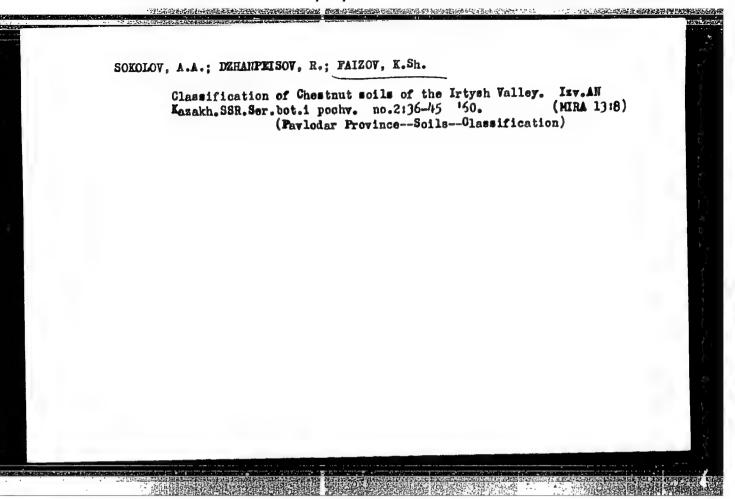
DZHANPRISOV, R.; SOKOLOV, A.A.; FAIZOV, K.Sh.; BEZSONOV, A.I., glavnyy red.; USPANOV, U.U., zam.glavnogo red.; Borovskiv, V.M., red.; Sokolov, S.I., red.; STOROZHENIO, D.M., red.; BARLYBAYRVA, K.Kh., red.; IVANOVA, E.I., red.; PROKHOROV, V.P., teknn.red.

[Soils of the Kazakh S.S.R. in 16 volumes] Pochvy Kazakhskoi SSR v 16 vypuskakh. Alma-Ats. Vol.3. [Soils of Pavloder Province] Pochvy Pavloderskoi oblasti. 1960. 264 p.

(MIRA 13:11)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ats. Institut pochvovedeniya.

(Pavloder Province--Soils)



FAIZOV, K.Sh.; KURMANGALIYEV, A.B.

Soil cover in the piedmont plain of the Ketmen' Range and the adjacent left bank of the Ili River. Trudy Inst. pochv. AN

Kazakh. SSR. 15:44-65 '63. (MIRA 16:12)

ANY TERRETARANTAN'I PARAMBANANA PENERT PERENTENDEN PERENTENDEN PERENTENDAN PERENTENDAN PERENTENDAN PERENTENDAN

SOKOLOV, A.A.; FAIZOV, K.Sh.

Solonetz soils in the Pavlodar area of the Irtysh Valley.
Trudy Inst. pochv. AN Kazakh. SSR 15:66-125 \*63. (MIRA 16:12)

KOST, A.N.; FAIZOVA, G.K.; GRANDEERG, I.I.

Pyrazoles. Part 36: Chromatography of pyrazoles in a loose thin layer of aluminum oxide. Zhur.ob.khim. 33 no.2:533-537 F '63. (MEA 16:2)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova. (Pyrazole) (Chromatographic analysis)

GRANDBERG, I.I.; TABAK, S.V.; FAIZOVA, G.K.; KOST. A.N.

Pyrazoles. Part 37: Chromatographic separation of aminopyrazoles.
Zhur. ob. khim. 33 no.8:2585-2586 Ag '63. (MIRA 16:11)

CRANDBERG, I.I.; KRASNOSHCHEK, A.P.; KOST, A.N.; FAIZOVA, G.K.

Pyrazoles. Part 38: Isopyrazole-pyrazole rearrangement. Zhur. ob. khim. 33 no.8:2586-2597 Ag '63. (MIRA 16:11)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.

GRANDBERG, I.I.; PAIZOVA, G.K.; KOST, A.N.

Possibility of calculating the besicity of pyridine beses.

Zhur. org. khim. 1 no.8:1348-1351 Ag '65. (MIRA 18:11)

1. Moskovskiy gosudarstvennyy universitet imeni lozenosova.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412410001-8"

"Ignorance helps to spread tuberculosis." p. 11. (Borba Frotiv Tuberculose. Vol. 1, no. 1, Jan./Feb. 1953. Beograd)

S0: Monthly List of East European Accessions, Vol. 3, no. 3. Library of Congress. March 1954. Uncl.

FAJA, Ś.

"We met Biljana Again." p. 12
(Borba Protiv Tuberkuloze. Vol. 1, no. 2, June 1953 Beograd.)

SO: Monthly List of East European Accessions; Vol 3, No 6, Library of Gongress, Feb. 1954, Uncl.

KEHIATAN, H.; FAJAMS, A.

Thermodynamics of chemically recetting mixtures. Pt. 8. Bul chim PAN 12 no.4:255-262 164.

1. Institute of Physical Clemistry, Polish Academy of Sciences, Warsaw. Presented by W. Swietoslawski.

FAJANS, A.

Thermodynamic properties of the tert-butyl alcohol-benzene system. Pt.1. Bul ohim PAN 12 no.12:877-881 '64.

1. Institute of Physical Chemistry of the Polish Academy of Sciences, Warsaw. Submitted October 14, 1964.

PAULICEK, R.; FAJBER, J.

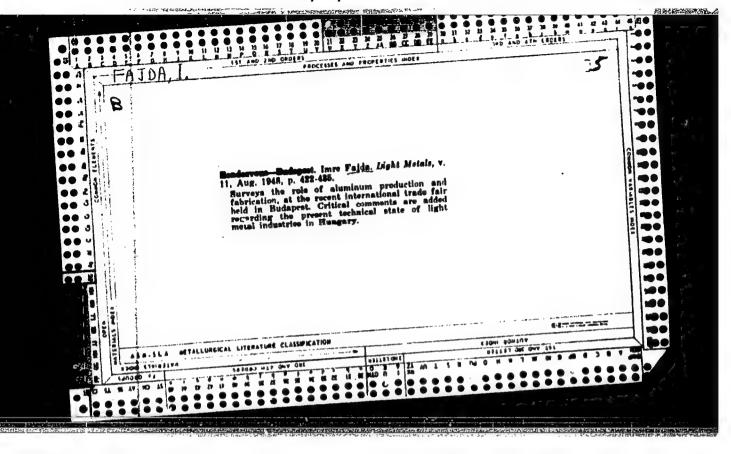
Fast hardoning mixtures with water class. Slevarenstvi 10 no.9:342-345 S 162.

1. Turcianske strojarne, Martin.

FAJC, Jan; SKOPAL, Jaromir

Looking for a producer! Tech praca 16 no.12:981-982 D '64.

1. Research and Testing Institute of Aeronautics, Letnany.

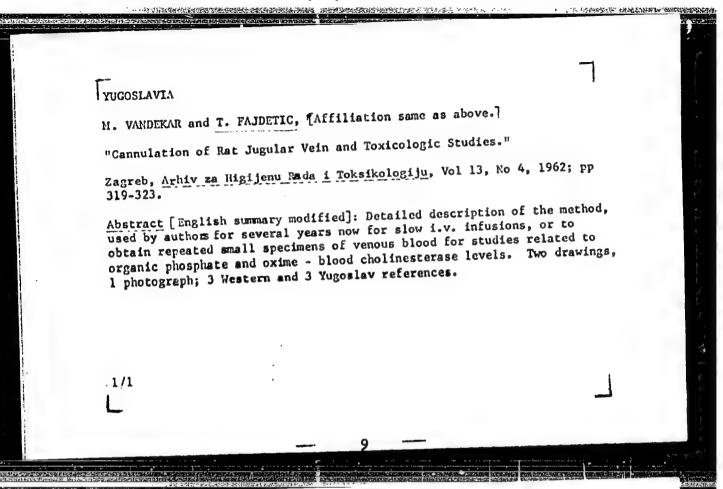


## Fajda, O.

Microbiological studies in the sugar industry. III. Factory experiments during the 1958/59 campaign. p.220

CUKORIPAR. (Cukoripar es Mezogazdasagi es Elemiszeripari Tudomanyos Egyesulet. Budapest, Hungary. Vol. 12, no.8, August 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no.11 November 1959 Uncl.



MIHAILOVIC, M.; FAJDIGA, N.; MIHAILOVIC, M.V.

Film dosimetry for determining personnel exposure dose. Acta med. iugosl. 16 no.2:141-150 162.

l. Medicinski fakultet u Ljubljani. (RADIOMETRY)

### "APPROVED FOR RELEASE: 03/13/2001 CIA-RDF

CIA-RDP86-00513R000412410001-8

FAJdigA NAOJA

YUGOSLAVIA/Nuclear Physics - Instruments and Installations Methods of Measurement and Investigation. C-2

Abs Four

: Referat Zhur - Fizika, No 1, 1958, 316

Author

: Fajdiga Nadja

Inst

: University of Ljubljana, Yugoslavia

Title

: Dose Measurements on the 31 Mev Betatron.

Orig Pub

: Repts "J. Stefan", Inst., 1956, 3, 241-246

Abstract

: Measurements were made of the spatial distribution of the dose of radiation, generated by the 31 Mev betatron at a distance of 100 cm from the target. The measurements were made with the aid of a Victorine ionization dosimeter with a plexiglass phantom 25 x 25 x 30 cm, made up of plates 6.35 mm thick. The dose distribution with depth and in the radial plane is given. The maximum value of the dose was observed at a depth of ~ 5 cm. The average dose

Card 1/2

YUGOSLAVIA/Nuclear Physics - Instruments and Installations.
Methods of Measurement and Investigation.

C-2

Abs Jour : Ref Zhur - Fizika, No 1, 1958, 316

strength amounted to 10 -- 60 roentgen per minute, and the pulse value is 2 -- 12 x  $10^4$  roentgen per minute.

Card 2/2

KWIEK, S.; FAJECKA, H.

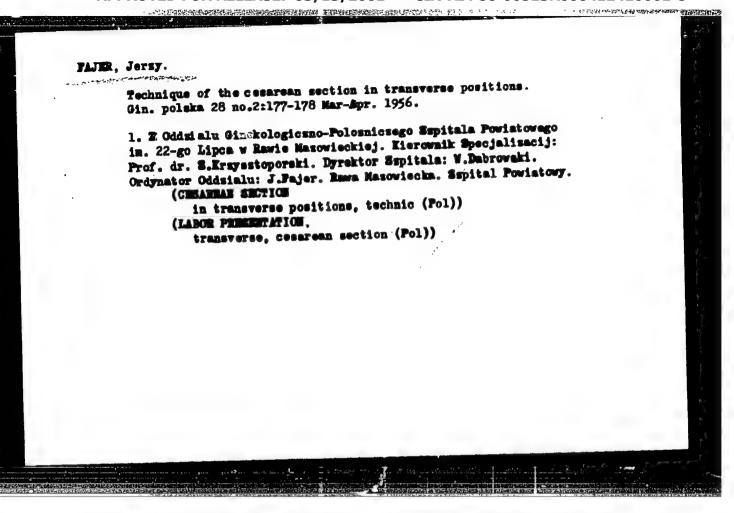
Frequency of streptomycin resistance in Mycobacterium tuberculosis. Gruzlica, Marez. 19 no. 4:438-446 July-Aug. 1951(CIML 21:3)

1. Of the Department of Bacteriology of the Institute of Tuberculosis (Director-Docent J. Misiewicz, M. D.), Warsaw.

 Modification of total hysterectomy in cancer of the vaginal portion of the uterus. Gin. poleka 27 no.1:35-40 1956.

1. Z II Kliniki Polosnictwa i Chorob Kobicych A.M. w Lodsi Kierownik Kliniki: prof. dr S.Krsyestoporski. Lódź, Mickiewicza 12 m. 14.

(CHRVIK, UTERIER, neoplasms, surg. hysterectomy, total, modified technic (Pol))



FAJER, Jerzy

Case of coexistence of interlaminar cancerous cyst of the ovary with uterine myoma. Gin. polska 28 no.5:555-558 Sept-Oct 56.

1. Z Oddzialu Ginekologiczno-Polozniczego Szpitala Pow. im. 22 Lipca w Rawie Mazowieckiej. Kierownik specjalizacji: prof. dr. St. Krzysztoporski. Dyrektor Szpitala: dr. W. Dabrowski. Ordynator Oddzialu: J. Fajer, Rawa Masowiecka--Szpital Powiatowy.

(OVARIES, cysts interlaminar cancerous cyst with uterine myoma (Pol))

(UTERUS, NEOPLASMS, complications

ovarian cyst, interlaminar cancerous, with leiomyoma (Pol))

(LEIOMYOMA, complications

uterus, with interlaminar cancerous ovarian cyst (Pol))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412410001-8"

MAGIA, Tracy TATON, Jan: FAJER, Jersy Case of acute renal failure after intra-arterial transfusion. with incompatable Rh- and of labor hemorrhage. Gin. polska 28 no.2:217-223 Mar-Apr 57. 1. Z III Eliniki Chorob Wewnetrsmych A.M. w Warszawie Kierownik: pref. dr. J. Wegierko Z Oddsialu Polozniczego Szpitala Powiatowego w Rawie Maxowieckiej Dyrektor Szpitala: W. Dabrowski Ordynator Oddsiaju Ginekologiczno-Polozniczego: J. Fajer. (LABOR, hemorrh. with acute renal failure caused by incompatable Rh factor (Pol)) (KIDNEY DISEASES, eticl. & pathogen. acute renal failure caused by incompatable Rh factor in transfusion for labor hemorrh. (Pol)) (RH FACTORS incompatability causing acute renal failure following transfusion in labor hemorrh. (Pol))

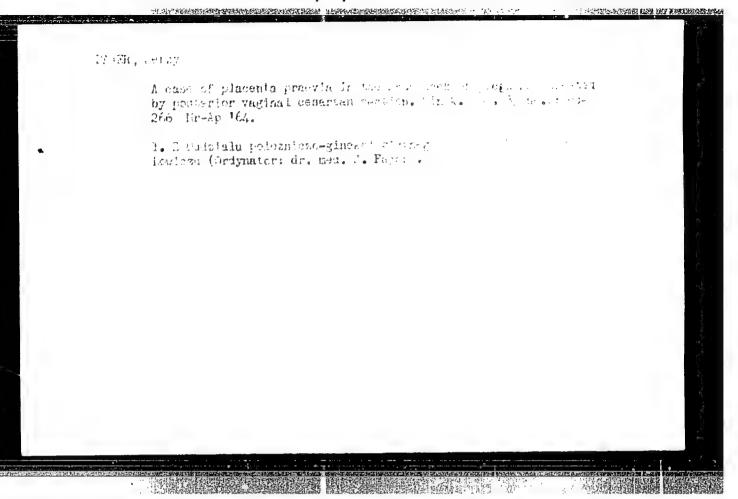
### FAJER, Jerzy

A modified technique for cesarean section. Polski tygod. lek. 17 no.3: 92-96 Ja 162.

1. Z Oddzialu Ginekologiczno-Polozniczego Szpitala Miejskiego w w Lowiczu; dyrektor Szpitala: dr Jan Kaczorowski; ordynator Oddzialu; dr med. Jersy Fajer.

(CESAREAN SECTION)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412410001-8"



FAJUR, Jerzyt Estakoneki, Konrad

Kiderty priraparao as an obstatric ward pr biom. : ol. tyg. lek.
19 n. J. 126-223 16 Nr. 164.

1. Z Gdizialu gin.-polozn. Szpitala Misjakiego w Losiesu (ordynator: in. neal. Serby Pajer).

Giant fetus as an obstetric ward problem. Fol. tyg. lek. 19 no.14:
Cir-512 30 Mr \*164.

1. 2 Cadzialu Ginekologiczno-Pol( no Szeitala Miejskiego w iz disza (ordynator: dr. med. Jerzy Fajer).

LASZKA, Boleslaw; PIOTROWSKI, Romuald; FAJERTAG, Jan

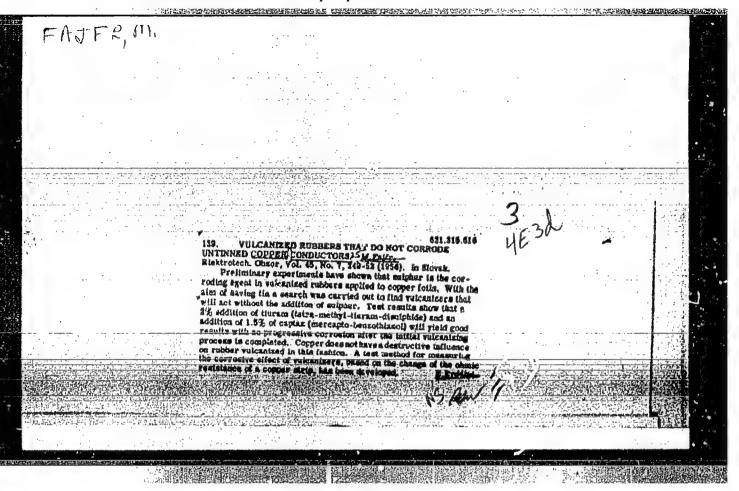
The value of temporal bone roentgenography in the diagnosis of latent mastoiditis in infants. Otolaryng. Pol. 17 no.3:265-272 '63.

1. Z Wojewodzkiego Szpitala Dzieciecego im. Popowskiego w Olsztynie; dyrektor szpitala: dr. O. Szwalkiewicz.

FAJERTAG, W.

"The rationalization movement should be intensified" p. 306 (MATERIALY BUDOWLANE, Vol. 7, no. 11, Nov. 1952 Warsmawa, Poland)

SO: Monthly List of East European accessions, Vol. 2, #8, Library of ongress August, 1953, Uncl.



ZIMONJIC, B.; FAJGELJ, A.; VASILJEVIC, M.

Chronic kidney diseases in Semberia. Med. arh. 15 no.3:79-97 My-Je '61.

1. Intrena klinika Medicinskog fakulteta u Sarajevu (Sef: prof. dr Bogdan Zimonjic).
(KIDNEY DISEASES epidemiol)

人1人以表表的。如果我们的特殊的。

#### YUGOSLAVIA

ZARKOVIC, G.; FAJGELJ, A.; and POPOVIC, N.; Department of Public Health and Sanitation (Institut za higijenu i socijalnu medicinu, Medicinski fakultet) of Medical College, Sarajevo.

"Penetration of Iodine-131 Through the Intact Human Skin."

Zagreb, Arhiv za Higijenu Rada i Toksikologiju, Vol 16, No 4, 1965; pp 319-327.

Abstract [English summary modified]: Report of investigation on the percutaneous penetration of I<sub>131</sub> in 17 men and 12 women during 48 hours, as 80 to 100 µc of NaI<sub>131</sub> under plastic occlusive dressing. Sodium perchlorate 100 mg. was fed daily to prevent thyroid uptake of isotope. Absorption was found higher in women, and higher on the dorsal than palmar surface of hand. Two photographs, 3 tables; 8 Western references; manuscript received 10 Feb 65.

1/1

- 45 -

YUGOSLAVIA

Prof Dr B. ZIMONJIC, Dr A. FAJGELJ, Dr R. BOKONJIC, Dr M. MUTEVELIC and Dr A. MUSAFIJA, First Internal Medicine Clinic of Medical Faculty (Interna klinika I Medicinskog fakulteta) and Laboratory for Use of Radioisotopes (Punkt za primjenu radioaktivnih izotopa) Chief (Sef) Prof Dr B. ZIMONJIC, Sarajevo.

"Our Results with I<sup>131</sup> in Therapy of Hyperthyroidism."

Belgrade, Medicinski Glasnik, Vol 17, No 3-4, Mar-Apr 63; pp 106-108.

Abstract [English summary modified]: Report of use of radioiodine in 40 patients since 1960. Excellent results in 53%, good in 25% and none in 19%; complicating hypothyroidism in 3%. Four tables, 2 graphs, 21 references: 18 Western include Belgian thesis, 3 Yugoslav.

1/1

ZIMONJIC, B., prof., dr.; FAJGELJ, A., dr.; BOKONJIC, R., dr.; MUTHVELIC, M., dr.; MUSAFIJA, A., dr.

Our results with the use of radioactive I-131 in the treatment of hyperthyroidism. Med. glas. 17 no.3/4:106-108 Mr-Ap \*63.

1. Interna klinika (I) Medicinskog fakulteta u Sarajevu - Punkt sa primjenu radioktivnih izotopa (Sef: prof. dr B. Zimonjic).

(IODINE ISOTOPES, THERAPEUTIC)
(HYPERTHYROIDISM)

S

PAPO,I., prof. dr.; FAJGELJ,I., doc. dr.; FOPOVIC, D., doc. dr.

Our experience with open heart surgery using extracorporeal circulation. Med. arh. 18 no.5:9-16 S-0'64.

1. Hirurska klinika VMA, Beograd.

Case of Lutembacher's syndrome. Srpski arh. celok. lek. 84 no.2:244-251 Feb 56.

1. IV Interna klinika Medicinskog fakulteta u Beogradu. Upravnik: prof. dr. Cedomir Plavsic. Interna klinika Vojnomedicinske akademije u Beogradu. Nacelnik; pukovnik prof. dr. Milan Arsenijevic. Hirurska klinika Vojnomedicinske akademije u Beogradu. Macelnik; pukovnik prof. dr. Izidor papo. (CARDIOVASCULAR DEFECTS, COMENITAL, case report Intembacher's synd., (Ser))

VUKOTIC, Dusan; POFOVIC, Djordje; FAJGKIJ, Ivan

Stenosis of pulmonary artery with strial communication. Srpski arh. celok. lek. 84 no.10:1173-1180 Oct 56.

1. I Interna klinika Medic. fakulteta u Beogradu, Upravnik: prof. dr. Branislav Stanojsvic. Interna klinika Vojno-medicinake akademije u Beogradu, Macelnik: pukovnik profesor dr. Milan Arsenijevic. Rirurska klinika Vojno-medicinake akademije u Beogradu, Macelnik: prof. pukovnik dr. Isidor Papo.

(ARTERIES, PULMONARY, stenosis vith auric. communication (Ser))

(CARNIOVASCULAR DEFECTS, CONGENITAL, compl. stenosis of pulm. artery with atrial communication (Ser))

MIIANOVIC, Dimitrije, sanitetski pukovnik doc. d-r; FAJUELJ, Ivan, sanitetski potpukovnik d-r; JUZNIC, Marjan, sanitetski pukovnik

Thoracic and thorace-abdominal injuries. Voj. san. pregl., Beogr. 17 no. 4:376-380 Ap \*60.

1. Klinika sa hirurske bolesti.
(THORAL wds.)
(ANDOMES wds. & inj.)

JOSIPOVIC, V.; PAPO,I.; CURCIC,M.; FAJGELJ,I.; LUKACEVIC,D.; MIHAILOVIC,D.

Myxoma of the right atrium successfully treated by a surgical method. Acta chir. Iugosl. 10 no.3:261-272 \*63

1. Interna klinika B Medicinskog fakulteta u Beogradu (Upravnik: prof.dr. R. Berovic), Hirurska klinika (Nacelnik: gen. prof. dr. I. Papo) i Institut za radiologiju (Nacelnik: puk. prof. dr. M. Curcic) Vojnomedicinske akademije u Beogradu.

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FAJGIN, J.

POLAND/Chemistry of High Molecular Substances.

Ref Zhur - Khimiya, No. 8, 1957, 27078.

Author Fajgin, J.

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New Views on Formation Mechanism and Structure Title of Silico-Organic High Molecular Compounds.

Orig Pub: Przem. chem., 1956, 12, No. 3, 139 - 141.

The views on the mechanism of fermation reactions Abstract:

and on the structure of organic silexane pelymers suffered important changes during the last years. Contrarily to the assumptions which have existed so far, the hydrolysis with an excess of water results in the intramolecular dehydration of silanedial and in the formation of alkylailanes (Resid) which polymerics in their turn silanes (R<sub>2</sub>SiO), which polymerize in their turn. Dehydrogenation connected with polycondensation

Card 1/2

NOVAK, Jaroslav, inz.; FAJGL, Josef

Regulation on designing products from plastics.
Normalizace 12 no. 4: 100 Ap '64.

1. Office of Standardization and Measurement, Prague (for Novak).

2. Plastimat National Enterprise, Liberec (for Fajgl).

FAJCMAN, M.

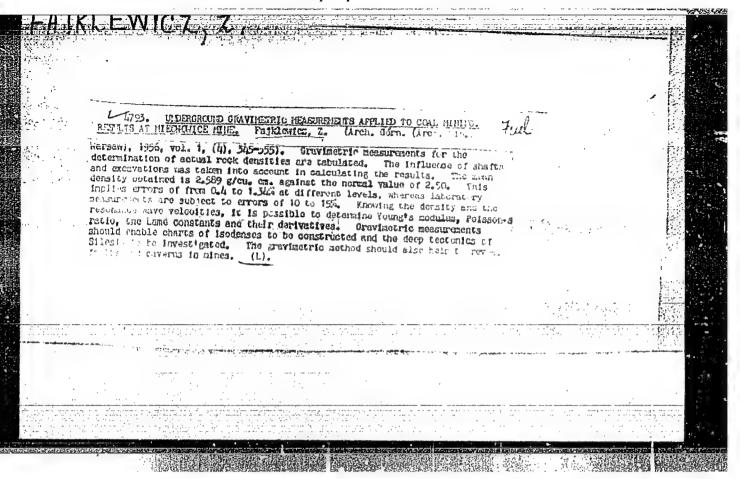
The storing piling of building materials. p.48 (OCHRONA PRACY; BEZPIECZENSTWO I HIGIENA PRACY, Vol. 10, No. 1, Jan. 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (FEAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.

# FAJKIEWICZ, Zbigniew

Geophysics of prospecting in the U.S.A. Przegl geol 10 no.6:302-305 Je 162.

l. Akademia Gorniczo-Hutnicza, Krakow.



FAJKLEWICZ, Z.

Results of an interpretation of gravitational anomalies in the southern part of the Pomeranian Ridge. p. 451. (ACTA GEOLOGICA POLONICA. Vol. 6, no. 4, 1956, Poland).

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SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957, Uncl.

FAJKLEWICZ, ZBIGNIEW.

Underground gravity measurements in the mines of Upper Silesia.

Varsovie, Poland. Palac Kultury i Nauki, 1957, 11:p.

Monthly List of European Accessions (EFAI) LC, Vol. 8, no. 7, July 1959

Uncl.

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P/026/60/008/004/003/009 A189/A126

3,9110 AUTHORS:

Fajklewicz, Zbigniew; Kordylewski, Jerzy, and Kudelski, Gerand

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TITLE.

The use and adaption of ARITMA punch-card calculating machines in interpreting measurements in gravity and magnetism

PERIODICAL: Acta Geophysica Polonica, v. 8, no. 4, 1960, 324 - 336

TEXT: The ARITMA punch-card digital computer of Czechoslovak origin, which is also available in Poland, is described. This computer can be used for the interpretation of gravimetric and magnetic measurement charts and scales. In addition the computer is able to compute values for anomalies of higher gravity derivatives. The efficiency of the computer is presented by comparison of two gravity charts, one obtained by ARITMA (Fig. 4) and one obtained by Bouguer (Fig. 1). ARITMA gives a much better idea of distribution of local disturbing anomalies than Bouguer. For the interpretation of data three sets of punch-cards are to be fed into the computer. The machine then tabulates automatically. Computation time for values of the second vertical derivative of gravity is considerably shortened, in comparison with conventional methods, costs are reduced, and many in-between-

Card 1/3

The use and adaption of ARITMA punch-card... P/026/60/008/004/003/009

values in the entire interpretation and all the entire interpretation a

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values in the entire interpretation scale can be produced simultaneously. There are 4 tables and 5 non-Soviet-bloc references. The reference to the most recent English-language publication reads as follows: M. H. P. Bott: The Use of Electronic Digital Computers for the Evaluation of Gravimetric Terrain Corrections. Geophysical Prospecting v. 7, no. 1, 1959.

ASSOCIATION: Academia Górniszo-Hutnicza - Kraków

Card 2/3

s/035/62/000/007/073/083 A001/A101

AUTHOR:

Fajklewicz, Zbigniew

TITLE:

Application of the concept of residual gravity to the method of singling out of local anomalies from the observed field, and a comparison with several known methods

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PERIODICAL:

Referativnyy zhurnal, Astronomiya 1 Geodeziya, no. 7, 1962, 25 - 26, abstract 76194 ("Prace geol.", 1961, no 2, 133 pp, ill., Polish; Russian and English summaries)

TEXT: This is a work of survey nature. Singling out of local anomalies is treated. The following methods are described: Ye. A. Mudretsova (Tr. geol.-razv. in-ta. AN SSSR, 1955) W. P. Griffin ("Geophys.", 1949 v. 14, no. 1), S. Saxov, K. Nygaard ("Geophys", 1953, v. 18, no. 4), L. Egyed ("Geofiz. Kozlemen.", 1956, no. 3), Yu. D. Bulanzhe and A. N. Tikhonov ("Izv. AN SSSR. Ser. geogr. i geofiz.", 1945. v. 9, no 3), A. K. Molovichko ("Izv. AN SSSR. Ser., geofiz", 1951, no 2), and also the methods based on the application of Neumann external problem to gravity anomalies given in the plane, i.e. those proposed by: L. Peters ("Geophys.", 1949, v. 14, no. 3), E. C. Bullard and R. Cooper ("Proceed. Royal Society", 1948, A),

Card 1/3

S/035/62/000/007/073/083 A001/A101

Application of the concept of ...

B. A. Andreyev ("Izv. AN SSSR. Ser. geograf. 1 geofiz.", 1947, v. 11, no. 1; 1949, v. 12, no. 3), K. Ye. Veselov ("Priklad. geofiz.", no. 11, 1954), K. F. Tyapkin ("Priklad. geofiz.", no. 16, 1957), and C. A. Trejo ("Geophys.", 1954, v. 19, no 4). The author's evaluation of the listed methods is given. Moreover, the following methods based on the use of electronic computers are considered: W. B. Agocs ("Geophys.", 1951, v. 16, no. 4), S. M. Simpson ("Geophys." 1954, v. 19, no. 2), C. H. Oldham and D. B. Sutherland ("Geophys.", 1955, v. 20, no. 2); (in the latter two methods the regional field is represented by a polynomial of some order, whose coefficients are determined from the condition of minimizing deviations from the observed field), as well as the methods of calculating the second vertical derivative of gravity force, proposed by B. Kosbahne ("Geophys. prospect.", 1953, v. 1, no. 4), L. L. Nettleton ("Geophys.", 1954, v. 19, no. 1), M. Hergerdt ("Gerlands Beitr. Geophys.", 1957, v. 66, no. 1), O. Rosenbach ("Geophys. prospect.", 1957, v. 5, no. 2), R. A. Henderson and J. Zietz ("Geophys.", 1949, v. 14, no. 4), T. A. Elkins ("Geophys.", 1951, v. 16, no. 1), E. V. McCollum ("Geophys.", 1952, v. 17, no. 1), H. Haalk ("Zs. Geoph. Jubilaumssonderband, 1953), Peters (indicated above publication), V. Baranov ("Geophys. prospect.", 1953, v. 1, no. 3), I. A. Balabushevich and M. Yu. Zel'dina (Publ. Kiyevskoy astr. observ., 1956, no. 7),

Card 2/3

Application of the concept of ...

S/035/62/000/007/073/083 A001/A101

I. Sharpe and P. W. Fullerton ("Geophys.", 1952, v. 17, no. 4). The method of singling out regional gravity anomalies, described earlier by the author ("Geophys", 1959, v. 24, no. 3, 465 - 478) is expounded. Griffin's method is investigated. Some considerations on selection of parameters of a measuring grid and three examples of application of this method (regions of Poznan', Kuyavsko-pomorskiy terrace, Mlava) are presented and the results at different parameters of the measuring grid are compared with methods proposed by Peters, Tikhonov-Bulanzhe and Veselov (calculation of the vertical gravity gradient). The author holds that Griffin's method is not inferior in accuracy to other methods but considerably faster. The examples cited are interpreted from the geological viewpoint. There are 79 references.

M. Yurkina

[Abstracter's note: Complete translation]

Card 3/3

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FAJKLEWICZ, Z.

An attempt of estimation of the earth crust thickness in Poland. Bul geolog PAN 11 no. 4:191-195 '63.

Detection of faults in the BD coal mine by means of microgravity measurements. Ibid.:197-200.

 Department of Geophysics, School of Mining and Metallurgy, Krakow. Presented by W. Goetel.

FAJKL EWICZ, Zbigniew

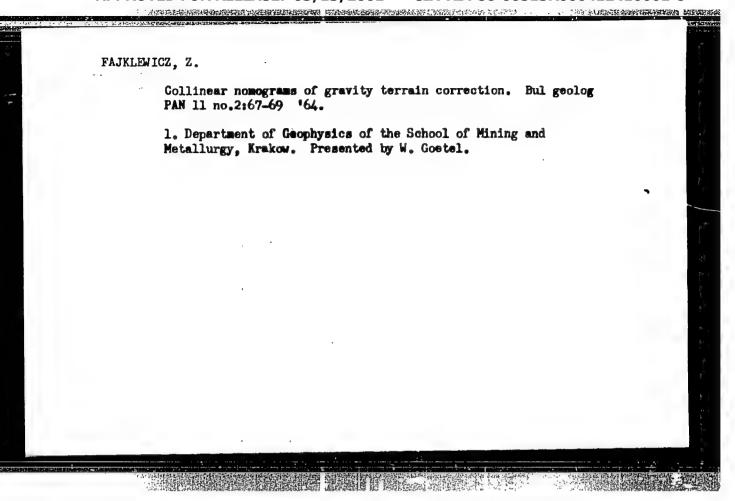
Origin of gravity anomalies in the central part of the Fore-Carpathian Depression. Rocz geol Krakow 33 no. 4:471-491 163.

1. Pepartment of Geologic Geophysics, School of Mining and Metallurgy, Krakow.

FAJKLEWICZ, Zbirniew

Geologic structure of the Pomeranian anticlinorium in the area of Swidwin and Trzebiatow in the light of interpreted gravity anomalies. Roez crel Krakov 34 no.1/2:95-114 '64.

1. Department of Geological Geophysics, School of Mining and Motallurgy, Krakow.



#### FAJKLEWICZ, Z.

An attempt at plotting the roof of the Carboniferous layer in the BD-mine by means of microgravity measurements. Bul geolog PAN 12 no.1:9-12 '64.

1. Department of Gerohysics of the School of Mining and Metallurgy, Krakow. Submitted November 18, 1963.

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"Introducing longwall mining in the North-Bohemian lignite basin." p. 119.

UHII. (Ministerstvo paliv). Praha, Czechoslovakia, Vol. 1, No. 4, Apr. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol.  $\delta,$  No. 8, August 1959. Uncla.

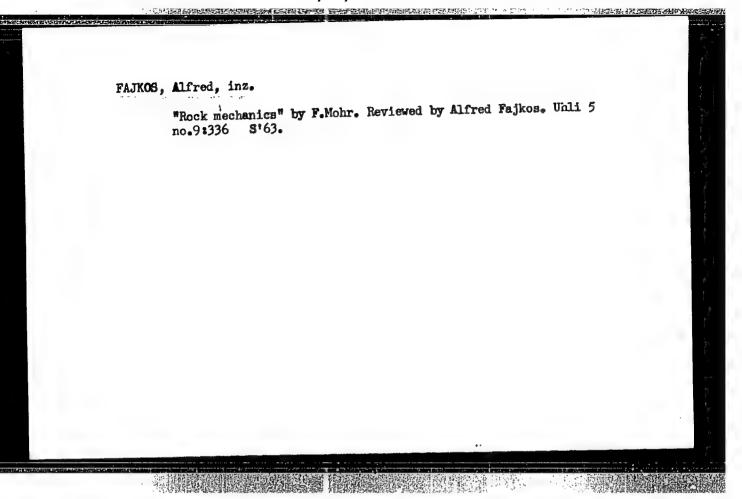
#### FAJKOS, A.

Influence of some aspects of technical development on labor productivity. p. 382.

UHLI (Ministerstvo paliv) Praha, Czechoslovakia. Vol. 1, no. 11, Nov. 1959

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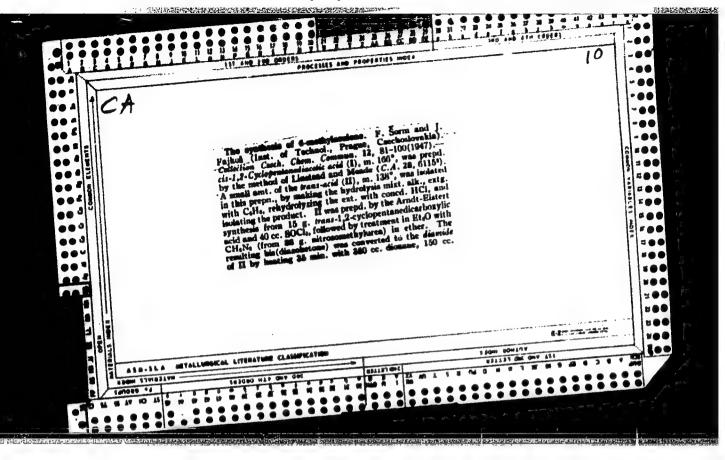


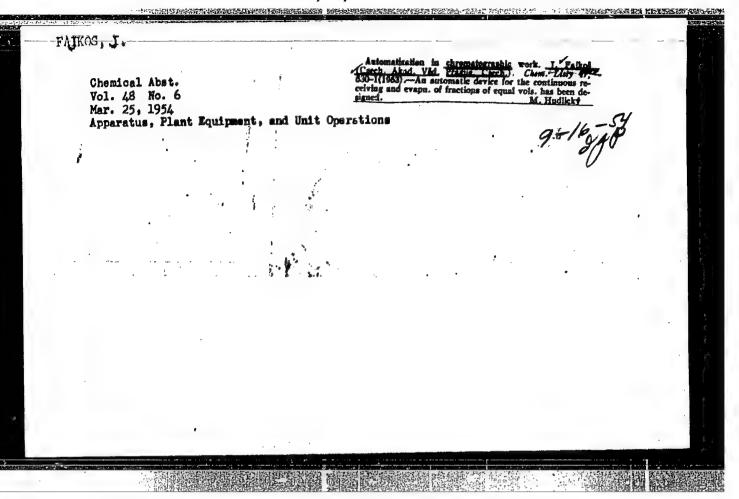
FAJKOS, J.; JOSKA, J.; PITHA, J.; SORM, F.; LABLER, L.

On steroids. Pts. Coll Cz Chem 28 no.9:2337-2355 S 163.

1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences. Prague.

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# FAJKOS. J.; SORM. P. Staroids Part 7. Synthesis of 3 B -hydroxyandrosts-7.16-diene

Steroids. Part 7. Synthesis of 3 \$\beta\$ -hydroxyandrosta-7,16-diene-16-carbo-xylic acid.[in Bussian with summary in English]. Sbor.Chekh.khim.rab. 19 no.1:91-97 \$\beta\$ 154. (MLRA 7:6)

1. Department of Matural Products, Institut of Organic Chemistry Csechoslovak Academy of Science, Prague. (Acids, Organic) (Androstadiene)

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FAJKOS, J.; SORM, F. -On steroids. Part 9. Synthesis of 3 <-hydroxy-16-ketoandrostane and of 3.6 diketoandrostene-(4) [with summary in Maglish]. Sbor. Chekh.khim.rab.

1. Department of Natural Products, Institute of Organic Chemistry, Czechoslovak Academy of Science, Prague. (Anrogens)

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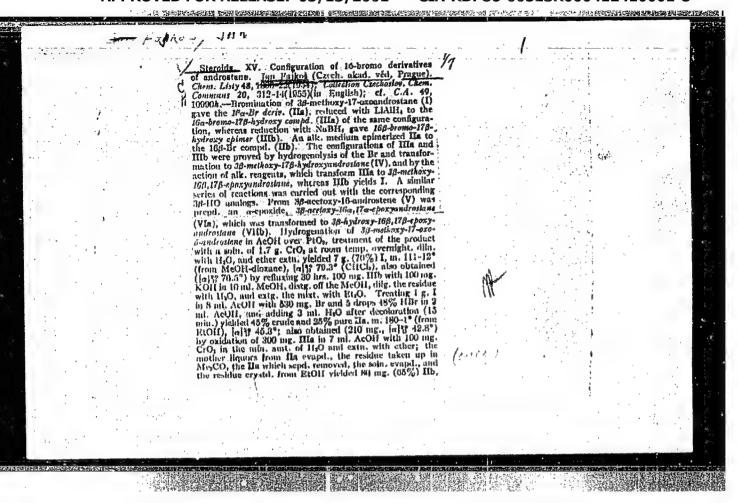
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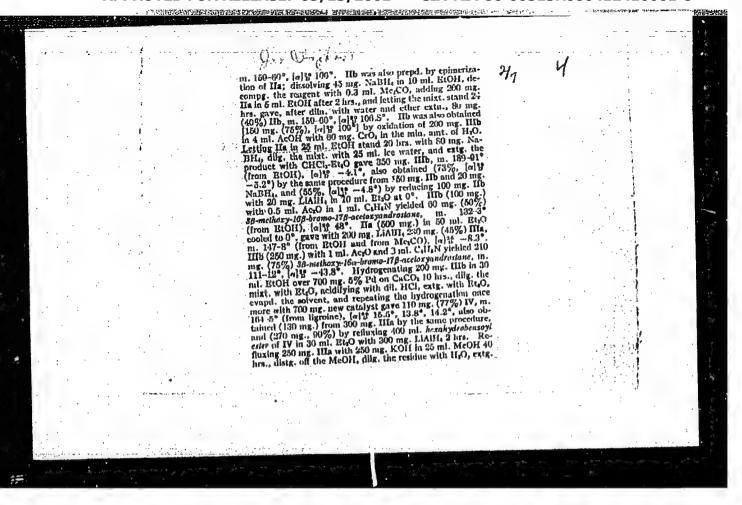
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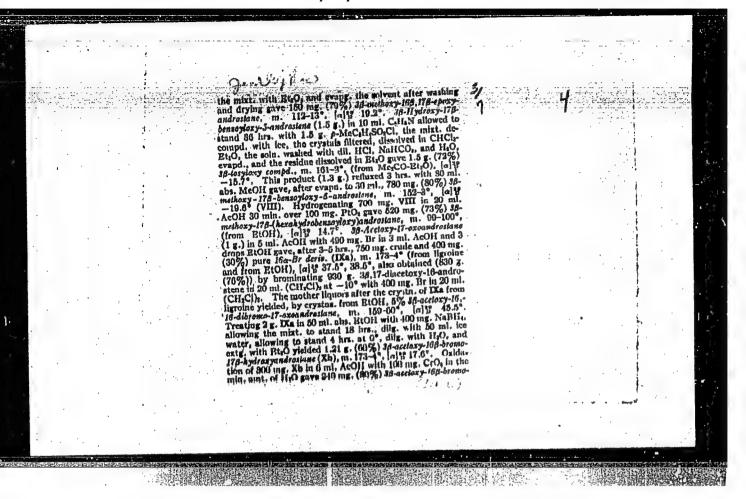
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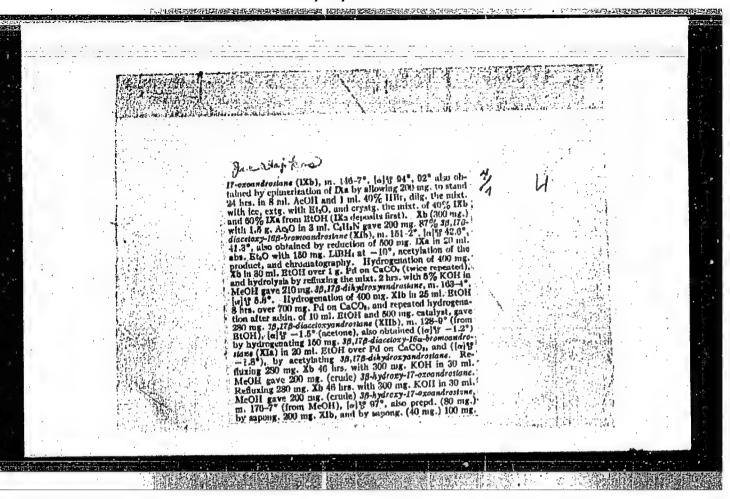
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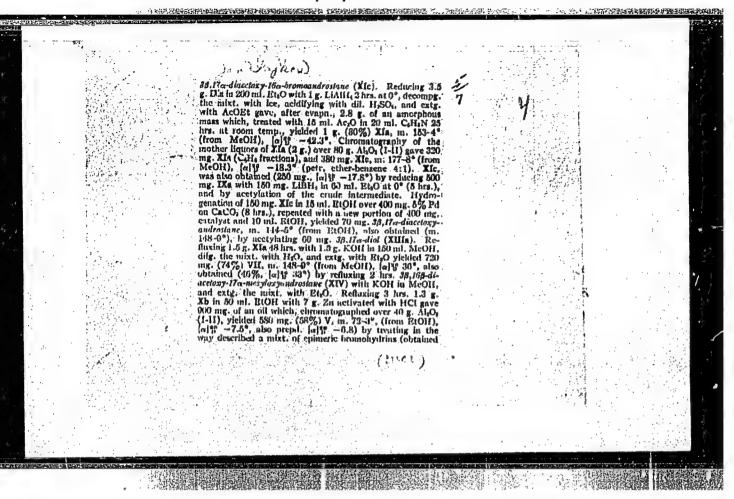
1. Institute of Organic Chemistry and Biochemistry, Czechoslovak Adademy of Sciences, Prague.

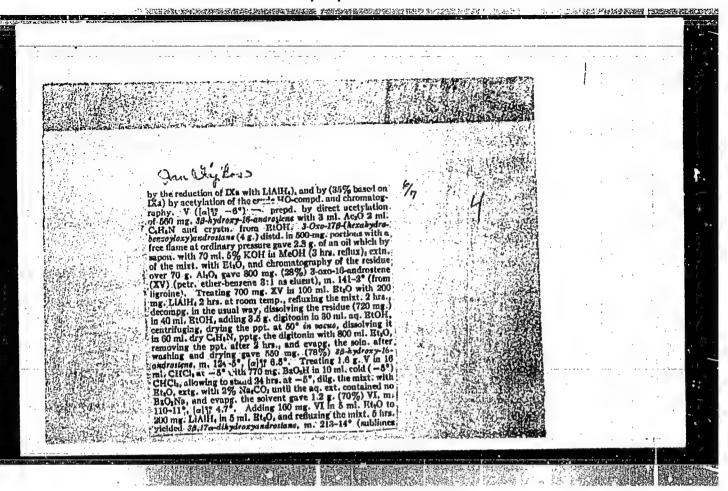


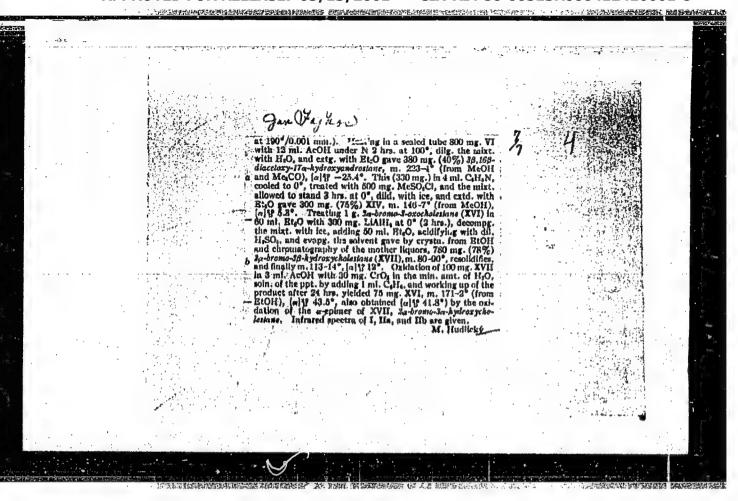


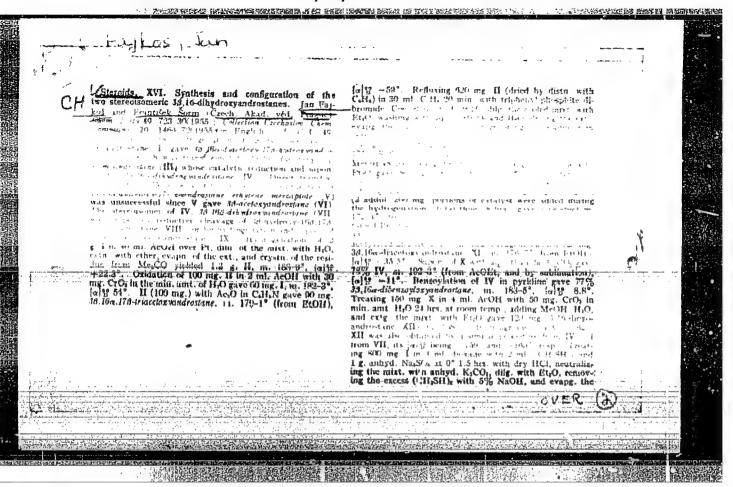




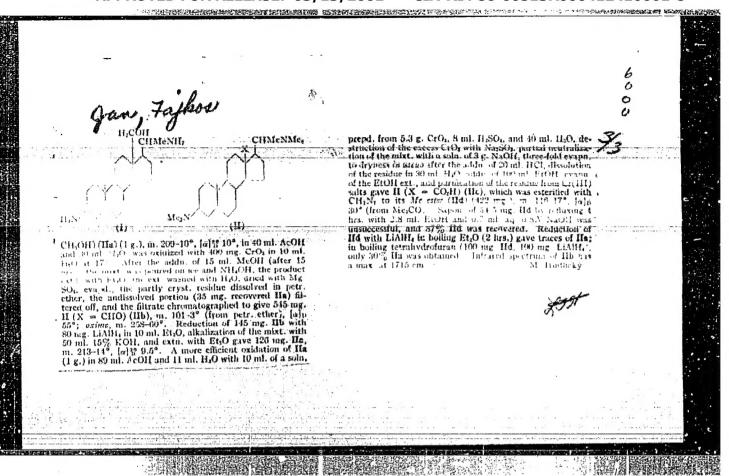


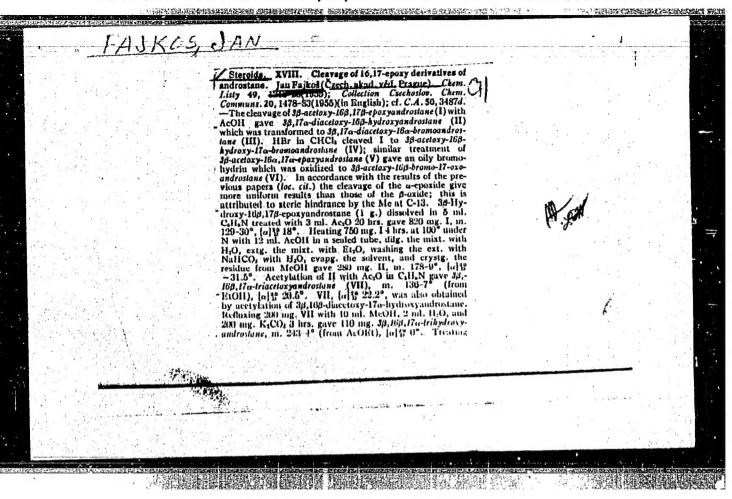






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100 mg. If in 2 ml. AcOH with 30 mg. CrO, in a min. amt. H<sub>2</sub>O 20 hrs. at room temp., destroying the excess CrO, with McOH, dilg, the mixt, with H<sub>2</sub>O, extg. Gith Rt<sub>2</sub>O, washing the ext; with dil; H<sub>2</sub>SO, NaHCO<sub>1</sub>, and H<sub>2</sub>O, evapg, the solvent, and crystg, the residue from McOH yielded 60 mg. 33,17a-diacetoxy-16-oxomdrostane, m. 152°, [a] y -197°. Similar treatment of 33,103-diacetoxy-17a-hydroxyandrostane yielded 82% 33,103-diacetoxy-17a-hydroxyandrostane yielded 82% 33,103-diacetoxy-17a-hydroxyandrostane (VIII), m. 150-7°, [a] y 60°. Hydrogenation of VIII over Pt in AcOH gave 62% 33,103-diacetoxy-173-hydroxyandrostane, [IX), m. 160-2°, [a] y 0°, the acetylation of which yielded 33,163,173-triacetoxyandrostane, m. 160-1°, [a] y 20.5°. Dissolving 1 g. I in 8 ml. CHCl<sub>3</sub> at heating the soln, with 480 mg. HBr in 8 ml. CHCl<sub>3</sub> 4 hrs. at 45°, dilg. the mixt. with Rt<sub>2</sub>O, washing with NaHCO<sub>2</sub> and H<sub>2</sub>O, and evapg. yielded an oil which crystd, after treatment with McOH to give 450 mg. IV, m. 160-2°, [a] y -25°. Cleavage of I (1 g.) by heating 3 hrs. at 40° with 32 ml. AcOH and 1 ml. 40% HBr (in AcOH) gave 520 mg. 33,103-diacetoxy-17a-bromoundrostane (X), m. 135-0°, [a] y -2.1°. X, [a] y -2.5°, was also obtained in a 7% yield by acetylation of IV. Refluxing 250 mg. Xk in 10 ml. Call, 10 mln. with 800 mg. (PhO) PBr<sub>4</sub>, dilg. with Rt<sub>2</sub>O, washing with NaHCO<sub>4</sub>,

H<sub>2</sub>O, evapg, the solvent, and chromatographing the residue (disolved in C<sub>2</sub>H<sub>2</sub>) with 2.5:1 petr, ether-benzene gave 80 mg, X, [a]49 - 3.6°. Similar procedure transformed 320 mg, H to 150 mg, HI, m. 177-8°, [a]49 - 19.2°. Refluxing 80 mg, X with 80 mg, KOH in 8 ml. MeOH 48 hrs., distg., off the MeOH, dilg, the residue with H<sub>2</sub>O, extg. the product with Et<sub>2</sub>O, evapg, the solvent, and crystg, the residue from MeOH yielded 460 mg, I, m. 147-8°, [a]49 32°. Treatment of 150 mg, X in 10 ml. EtOH with 300 mg, PdCaCO, and H, and after 8 hrs. treating twice with 200-mg, poctions of the catalyst and H, dilg, the mixt, with Bt<sub>2</sub>O, aciditying with dil. HCl, removing the catalyst, washing the ether ext. with NaHCO, and H<sub>2</sub>O, evapg, the solvent, and crystg, the residue from MeOH yielded 60 mg, 3\$\textit{B}\_1\textit{D}\_2\textit{D}\_3\textit{A}\_1\textit{D}\_3